

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	32	g/10min	ISO 1133
Temperature	200	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Flexural modulus, 23°C	14.5	MPa	ISO 178
Stress at 100% elongation	3.4	MPa	ISO 527
Stress at 300% elongation	5.2	MPa	ISO 527
Tensile Strength	25.5	MPa	ISO 37
Strain at break	770	%	ISO 37
Tear strength	60.5	kN/m	ISO 34-1
Shore A hardness	70	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Vicat softening temperature, A	75	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1070	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82 - 93	°C	-
Pre-drying - Time	≥2	h	-
Processing humidity	≤0.03	%	-
Melt temperature	188 - 199	°C	-
Mold temperature	16 - 38	°C	-
Zone 1	182 - 193	°C	-
Zone 2	188 - 199	°C	-
Zone 3	188 - 199	°C	-
Nozzle temperature	191 - 202	°C	-
Screw speed	40 - 80	rpm	-
Injection pressure	41.4 - 103	MPa	-
Back pressure	≤1.4	MPa	-
Holding pressure	24.8 - 82.7	MPa	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	82 - 93	°C	-
Pre-drying - Time	≥2	h	-
Processing humidity	≤0.03	%	-
Melt temperature	191 - 204	°C	-
Feed temperature	182 - 199	°C	-
Zone 1	182 - 204	°C	-
Zone 2	188 - 204	°C	-
Nozzle temperature	188 - 204	°C	-

**Characteristics**

**Processing**

Injection Molding, Pipe/Tube Extrusion, Profile Extrusion, Other Extrusion

**Certifications**

Food contact, Food approval FDA 21 CFR, Medical Grade, Biocompatibility ISO 10993

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat, Sterilizable, Ethylene Oxide (EtO) Sterilization, Gamma irradiation sterilization

**Features**

Soft Feel

**Chemical Resistance**

Radiation Resistance

**Applications**

Medical

**Regional Availability**

North America, South and Central America